

Table 2 a: Extensive list of well-known natural compounds (drugs, lead compounds for drugs or compounds in clinical trials) with antibacterial, antifungal, antiparasitic and antiviral effects and similar compounds (Tanimoto ≥ 0.85) from the SuperNatural Database

* Anatomical Therapeutic Chemical (ATC) classification code generated by the World Health Organization (WHO) describes the therapeutic subgroup (1)

Natural Compound	Status (Reference)	Similar Compounds in SuperNatural (Tanimoto $\geq 85\%$)
Antibacterial / J01* (Antibacterials for sytemic use)		
Cephalosporin	Lead compound of Wincef® (2)	20
Erythromycin	Lead compound of Ketek® (2)	15
Vancomycin	Lead compound of Vancocin® (2)	2
Teicoplanin	Lead compound of Targocid® (2)	2
(Chlor-, Oxy-,) Tetracycline	Lead compound of Sumycin® (2)	27
Rifamycin B	Lead compound of Rifampin (2)	> 50
Antifungal / J02* (Antimycotics for systemic use)		
Amphotericin B	Lead compound of Amphotericin B® (2)	6
Echinocandin B	Lead compound of Cancidas® (3)	4
Antiparasitic / A07* (Antidiarrheals, Intestinal Antiinflammatory, Antiinfective Agents) P01* (Antiprotozoals)		
Paromomycin	Lead compound of Humatin® (4)	16
Artemisinin	Active agent of Artemisinin (5)	7
Antiviral / J05* (Antivirals for systemic use)		
Betulinic Acid	Phase I clinical trials (2)	41
Calanolide A	Phase II clinical trials (2)	1
Castanospermine	semi-synthetic derivative in Phase II clinical trials (2)	1

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4. Gupta, Y.K., Gupta, M., Aneja, S. and Kohli, K. (2004) *Indian J Pediatr*, **71**, 55-58.
5. Rathore, D., McCutchan, T.F., Sullivan, M. and Kumar, S. (2005) *Expert Opin Investig Drugs*, **14**, 871-883.